



CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8

I, Lisa Mansur, hereby certify that this correspondence, pursuant to 37 C.F.R. §1.8, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on:

Date: August 6, 2004

By Lisa Mansur

IN THE UNITED STATES PATENT AND
TRADEMARK OFFICE

Applicant(s): Paul V. Cooper Docket No.: 23438.00045
Application No.: 10/773,101 Group Art Unit: 3746
Filing Date: February 4, 2004 Examiner: Not Yet Assigned
Title: SYSTEM FOR RELEASING GAS INTO MOLTEN METAL

TRANSMITTAL OF MISSING PARTS OF NONPROVISIONAL APPLICATION

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

In response to the Notice to File Missing Parts of Nonprovisional Application mailed on May 6, 2004 in the above-identified application, enclosed herewith are the missing parts needed to complete filing of the subject patent application.

1. Small entity Status

[x] Applicant asserts Small entity status under 37 C.F.R. §§1.9 and 1.27.

2. Fee Calculation

	Claims filed		Basic claims		Present Extra		Fees
Basic filing fee and Surcharge							\$ 900.00
Total Claims	38	minus	20	=	18	x \$ 18.00	= \$324.00
Independent Claims	3	minus	3	=	0	x \$ 86.00	\$0.00
						Subtotal	= \$1,224.00

<input checked="" type="checkbox"/> Missing parts filed within first month after due date - add	+ 110.00	
<input type="checkbox"/> Missing parts filed within second month after due date - add	+ 420.00	
<input type="checkbox"/> Missing parts filed within third month after due date - add	+ 950.00	
<input type="checkbox"/> Missing parts filed within fourth month after due date - add	+ 1480.00	
<input type="checkbox"/> Missing parts filed within fifth month after due date - add	+ 2010.00	
	Subtotal:	\$1,334.00
If "small entity" status box above is checked, enter half (1/2) of Subtotal and subtract		- \$667.00
	TOTAL FILING FEE	= \$667.00
If "assignment" box is checked, add recording fee:	+ \$ 40.00	\$0.00
	TOTAL FEE ENCLOSED	= \$667.00

3. Enclosures (check as applicable)

- ☒ Notice of Missing Parts (copy)
- ☒ Executed Declaration and Oath
- ☒ Request for Correction of Filing Receipt Data
- ☐ Statement(s) of Small Entity Status under 37 C.F.R. §§1.9(c), 1.9(d), and 1.27
- ☒ Check for fees
- ☒ Replacement Drawings in compliance with 37 C.F.R. 1.84 and 37 C.F.R. 1.121.
- ☐ Assignment and Recordation Form Cover Sheet
- ☐ Information Disclosure Statement pursuant to 37 C.F.R. §§1.97-1.99 (with PTO Form 1449 and copies of cited documents)
- ☐ Other:

Extra copies of this letter:

- ☒ for charge to deposit account
- ☐ for Assignment

4. Manner of Payment

☒ Please charge Deposit Account No. 19-3878 in that amount of \$ 55.00. A duplicate copy of this sheet is attached.

☒ A Squire, Sanders & Dempsey L.L.P. check in the amount of \$ 612.00 is attached.

This statement does NOT authorize charge of the issue fee. The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (deficiency only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-3878 **for which purpose a duplicate copy of this sheet is attached.**

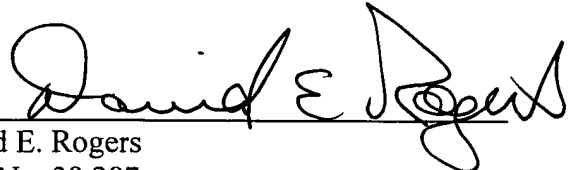
5. Assignment

[] An Assignment of this application is enclosed. Please record the Assignment and return the recorded Assignment to the undersigned attorney.

The Patent and Trademark Office is respectfully requested to forward the application for examination.

Respectfully submitted,

Date: August 6, 2004

By 
David E. Rogers
Reg. No. 38,287

SQUIRE, SANDERS & DEMPSEY L.L.P.
Two Renaissance Square
40 North Central Avenue, Suite 2700
Phoenix, Arizona 85004-4498
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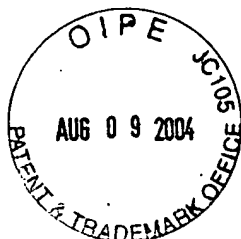
UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

IFW

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/773,101	02/05/2004	Paul V. Cooper	23438.00001

SQUIRE, SANDERS & DEMPSEY L.L.P.
 Two Renaissance Square
 Suite 2700
 40 North Central Avenue
 Phoenix, AZ 85004-4498



CONFIRMATION NO. 3964

FORMALITIES LETTER



OC000000012552356

Date Mailed: 05/06/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

08/10/2004 BABRAHA1 00000058 10773101

FILED UNDER 37 CFR 1.53(b)

01 FC:2001	385.00 OP
02 FC:2051	65.00 OP
03 FC:2202	162.00 OP

*Filing Date Granted***Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 385 to complete the basic filing fee for a small entity.
- The oath or declaration is missing.
A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings must be reasonably free from erasures and must be free from alterations, overwriting, interlineations, folds, and copy marks. See Figure(s) 8, 10, 11, 12A, 12B, 12D.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$162** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.


SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$612** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$162**
 - **\$162** for **18** total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*



Customer Service Center
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE